

Indoor unit: V5MDI32-36WiFiRB

Outdoor unit: U5MRS32-36



Function

Design Load

Seasonal Efficiency

Function	Design Load	Seasonal Efficiency
Cooling	10,50 Kw	SEER 6,10
Heating / Average Zone	8,40 Kw	SCOP(A) 4,02
Heating / Warmer Zone	- Kw	SCOP(W) -
Heating / Colder Zone	- Kw	SCOP© -

Cooling

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj

Tj	Pdc	Kw
Tj=35°C	10,500	Kw
Tj=30°C	7,529	Kw
Tj=25°C	4,927	Kw
Tj=20°C	2,522	Kw

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj

Tj	EERd
Tj=35°C	2,51
Tj=30°C	4,26
Tj=25°C	7,63
Tj=20°C	12,94

Heating / Average Zone

Declared capacity for Heating / Average Season, at indoor temperature 20°C and outdoor temperature Tj

Tj	Pdh	Kw
Tj=-7°C	7,430	Kw
Tj=2°C	4,571	Kw
Tj=7°C	3,163	Kw
Tj=12°C	3,257	Kw
Tj=bivalent temperature	7,430	Kw
Tj=operation limit	8,215	Kw

Declared coefficient of performance for Heating / Average Season, at indoor temperature 20°C and outdoor temperature Tj

Tj	COPd
Tj=-7°C	2,57
Tj=2°C	3,86
Tj=7°C	5,37
Tj=12°C	6,58
Tj=bivalent temperature	2,57
Tj=operation limit	2,31

Heating / Warmer Zone

Declared capacity for Heating / Warmer Season, at indoor temperature 20°C and outdoor temperature Tj

Tj	Pdh	Kw
Tj=2°C	-	Kw
Tj=7°C	-	Kw
Tj=12°C	-	Kw
Tj=bivalent temperature	-	Kw
Tj=operation limit	-	Kw

Declared coefficient of performance for Heating / Warmer Season, at indoor temperature 20°C and outdoor temperature Tj

Tj	COPd
Tj=2°C	-
Tj=7°C	-
Tj=12°C	-
Tj=bivalent temperature	-
Tj=operation limit	-

Bivalent Temperature

Zone	Tbiv	°C
Heating / Average Zone	-7	°C
Heating / Warmer Zone	-	°C

Operating Limit Temperature

Zone	Tol	°C
Heating / Average Zone	-15	°C
Heating / Warmer Zone	-	°C

Electricity Data

Electric power input in power modes other than 'active mode'

Mode	Power	Kw
Off mode	P _{OFF}	0,012 Kw
Standby mode	P _{SB}	0,012 Kw
Thermostat off mode	P _{TO}	0,001 Kw
Crankcase heater mode	P _{CK}	0,0 Kw

Annual electricity consumption

Mode	Consumption	kWh/a
Cooling	Q _{CE}	602 kWh/a
Heating / Average Zone	Q _{HE}	2940 kWh/a

Capacity control - Variable

Other Items

Item	Value	Unit
Sound power lever (indoor unit)	LWA 63	dB(A)
Sound power lever (outdoor unit)	LWA 67	dB(A)
Global warning potential	GWP 675	Kg CO ₂ eq
Rated air flow (indoor unit)	-	m ³ /h
Rated air flow (outdoor unit)	-	m ³ /h



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Harmonised standard: EN 14511:2011

No 626/2011 No 206/2012

Calculation methods - Measurement standards: EN 14825